AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A multilayer dose in the melt state ~~(1)~~ having an axis of symmetry for the realization of multilayer objects by compression molding, comprising a first synthetic resin ~~(2)~~ and at least one ~~thin~~ layer of functional resin ~~(3)~~ imprisoned at least largely in said resin ~~(2)~~, ~~characterized in that~~wherein a part of its surface ~~(5)~~ is concave.

2. (currently amended) The dose as claimed in claim 1, comprising an orifice, said concave surface ~~(5)~~ being constituted by a part at least of the inner surface formed by the orifice.

3. (original) The dose as claimed in claim 2 in which the orifice forms a passage through the dose.

4. (currently amended) The dose as claimed in claim 3, in which the orifice forms a cavity which is open on one face of the dose ~~(1)~~.

5. (currently amended) The dose ~~(1)~~ as claimed in claim 1, ~~characterized in that~~wherein the ~~thin~~ functional layer ~~(3)~~ itself forms a multilayer structure comprising a layer of barrier resin imprisoned between two layers of adhesive resin.

6. (currently amended) A multilayer object obtained from a multilayer dose in the melt state ~~(1)~~ as claimed in claim 1, ~~characterized in that~~wherein it contains at least one portion in which the ~~thin~~ functional layer ~~(3)~~ forms a fold.

7. (currently amended) The multilayer object as claimed in claim 6, having an axis of symmetry, ~~characterized in that~~wherein the ~~thin~~ functional layer ~~(3)~~ forms a body of revolution centered about the axis of symmetry.

8. (currently amended) The multilayer object as claimed in claim 7, ~~characterized in that~~wherein said body of revolution is open.

9. (currently amended) The multilayer object as claimed in claim 8, ~~characterized in that~~wherein said body of revolution contains an opening centered on the axis of symmetry.

10. (currently amended) The multilayer object as claimed in claim 6, ~~characterized in that~~wherein it contains an orifice forming a passage through the object~~dose~~.

11. (currently amended) The multilayer object as claimed in claim 6, ~~characterized in that~~wherein it contains no orifice.

12. (currently amended) The multilayer object as claimed in claim 7, ~~characterized in that~~wherein said body of revolution is closed.

13. (currently amended) A production process for a multilayer dose in the melt state ~~(1)~~ as claimed in claim 1, ~~characterized in that~~wherein the resins constituting the dose ~~(1)~~ are extruded simultaneously and coaxially, initially in a rectilinear direction, and in that the direction of extrusion is then modified in such a way as to form said concave surface ~~(5)~~.

14. (currently amended) A device for producing a multilayer dose in the melt state ~~(1)~~ as claimed in claim 1 and using a production process for a multilayer dose in the melt state ~~(1)~~ as claimed in claim 1, wherein resins constituting the dose ~~(1)~~ are extruded simultaneously and coaxially, initially in a rectilinear direction, and in that the direction of extrusion is then modified in such a way as to form said concave surface ~~(5)~~ wherein the device comprises a passage ~~(8)~~ for the linear, simultaneous and coaxial flow of the resins constituting the dose ~~(1)~~ and means ~~(9)~~ for modifying the direction of extrusion in such a way as to form said concave surface ~~(5)~~, said means ~~(9)~~ being mounted so as to slide inside the passage ~~(8)~~.